

INTERNATIONAL SEARCH REPORT

International Application No
PCT/FR2004/001724

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07B37/12 C07B37/04 C07D211/16 C07B37/02 C07C219/10
C07C209/08 C07C213/02 C07C67/03 C07C213/08 C07C219/12
C07C211/63 C07C215/44

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07B C07D C07C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	FRAGA-DUBREUIL J ET AL: "Grafted ionic liquid-phase-supported synthesis of small organic molecules" TETRAHEDRON LETTERS, ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL, vol. 42, no. 35, 27 August 2001 (2001-08-27), pages 6097-6100, XP004298190 ISSN: 0040-4039 the whole document	1-30

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☒ Further documents are listed in the continuation of box C.

☐ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

A document member of the same patent family

Date of the actual completion of the international search

20 January 2005

Date of mailing of the international search report

01/02/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DUBREUIL J F ET AL: "Rate accelerations of 1,3-dipolar cycloaddition reactions in ionic liquids" TETRAHEDRON LETTERS, ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL, vol. 41, no. 38, 16 September 2000 (2000-09-16), pages 7351-7355, XP004211923 ISSN: 0040-4039 the whole document	1-30
P,X	WEISHI MIAO, TAK HANG CHAN: "Exploration of ionic liquids as soluble supports for organic synthesis. Demonstration with suzuki coupling reaction" ORGANIC LETTERS, vol. 5, no. 26, 22 November 2003 (2003-11-22), pages 5003-5, XP002272080 the whole document	1-30
P,X	ANJALIAH S ET AL: "Synthesis and preliminary use of novel acrylic ester-derived task-specific ionic liquids" TETRAHEDRON LETTERS, ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL, vol. 45, no. 3, 12 January 2004 (2004-01-12), pages 569-571, XP004480197 ISSN: 0040-4039 the whole document	1-30
P,X	FRAGA-DUBREUIL J ET AL: "Efficient combination of task-specific ionic liquid and microwave dielectric heating applied to one-pot three component synthesis of a small library of 4-thiazolidinones" TETRAHEDRON, ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL, vol. 59, no. 32, 4 August 2003 (2003-08-04), pages 6121-6130, XP004442559 ISSN: 0040-4020 the whole document	1-30